



10584945 - GAU: 2622

PTO/SB/08A/B (09-06)

Approved for use through 03/31/2007. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/584,945
(Use as many sheets as necessary)				Filing Date	July 5, 2006
				First Named Inventor	Tetsuya KUNO
				Art Unit	NA 2622
				Examiner Name	Not Yet Assigned Dennis Hogue
Sheet	1	of	1	Attorney Docket Number	1190-0629PUS1

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)	MM-DD-YYYY		
AA*	US-4,630,307-A	12-16-1986	COK		
AB*	US-4,642,678-A	02-10-1987	COK		
AC*	US-5,373,322-A	12-13-1994	LAROCHE et al.		
AD*	US-5,382,976-A	01-17-1995	HIBBARD		
AE*	US-20020047907-A1	04-25-2002	Chen et al.		

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		
BA	JP-2001197512-A	07-19-2001	Mitsubishi Electric Corp		
BB	JP-11168744-A	06-22-1999	Sharp Kk		
BC	JP-2001078211-A	03-23-2001	Mitsubishi Electric Corp		
BD	JP-2004159176-A	06-03-2004	Seiko Epson Corp		
BE	JP-2002152762-A	05-24-2002	Nippon Kogaku Kk		
BF	JP-2003259383-A	09-12-2003	Mega Chips Corp		
BG	JP-2003348608-A	12-05-2003	Nippon Kogaku Kk		
BH	JP-2005217478-A	08-11-2005	Mitsubishi Electric Corp		

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. * CITE NO.: Those application(s) which are marked with a single asterisk (*) next to the Cite No. are not supplied (under 37 CFR 1.98(a)(2)(iii) because that application was filed after June 30, 2003 or is available in the IFW. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²Applicant is to place a check mark here if English language Translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /D.H./

Examiner Signature	/Dennis Hogue/	Date Considered	06/09/2009
--------------------	----------------	-----------------	------------